

GEOPHYSICS

GEOLOGY

ATMOSPHERIC
SCIENCE

SPACE
SCIENCE

OCEANIC
SCIENCE

HYDROLOGY

TAO

TERRESTRIAL, ATMOSPHERIC AND OCEANIC SCIENCES



第十三屆地球科學相關領域新進人員及研究推動研討會

時間：2017/9/30 (六) 09:40

地點：新竹麻布山林

報告人：總編輯 許樹坤教授

本次報告大綱

- TAO期刊簡介
- 編輯群及國際顧問群
- 文章投審稿、出刊狀況及各項統計
- 專刊執行情形
- 推廣活動
- 2017年得獎名單





中華民國地球科學學會
Chinese Geoscience Union

Chinese Geoscience Union (CGU)



President of CGU

Prof. Ben Jong-Dao Jou

Department of Atmospheric Sciences,
National Taiwan University, Taiwan

The Chinese Geoscience Union (CGU) is an umbrella societal organization for professionals and practitioners of all disciplines of Earth sciences, including geology, geophysics, atmospheric science, oceanic science, and space science in Taipei, Taiwan.

Established in 1993, CGU is the publisher of Terrestrial, Atmospheric and Oceanic Sciences Journal (TAO) which is Taiwan's major international journal of Earth sciences. CGU strives to serve its members in providing a platform for fostering professional exchanges and cooperations domestically and internationally.

<http://www.cgu.org.tw>

TAO



Terrestrial, Atmospheric and
Oceanic Sciences Journal
TAIWAN



Terrestrial, Atmospheric and Oceanic Sciences Journal (TAO) is an SCI-accredited journal publishing original scientific articles, reviews, notes and correspondence on the solid earth, atmosphere, hydrosphere and space.



The major publication of the Chinese Geoscience Union (located in Taipei) since 1990, the journal of Terrestrial, Atmospheric and Oceanic Sciences (TAO) publishes bi-monthly scientific research articles, reviews, notes and correspondence in all disciplines of the Earth sciences. TAO is co-sponsored by the Geological Society, the Geophysical Society, the Meteorological Society, and the Oceanographic Society and has its publication partially subsidized by the Ministry of Science and Technology in Taiwan.

Indexing and Abstracting

- * Science Citation Index® (SCI)
- * Research Alert®
- * Current Contents/Physical Chemical and Earth Sciences
- * GEOREF Serials List
- * EBSCOhost
- * CEPS (Chinese Electronic Periodical Services)
- * National Central Library – PerioPath: Index to Taiwan Periodical Literature System
- * Taiwan Academic Online
- * Google Scholar
- * DOAJ

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➤ 2017年起期刊封面全新改版

➤ 2018年起投稿費用更動

TAO Publication Charges

The following publication charges are valid for any manuscript submitted from 1 January 2018:

Pages	Price
1 - 12	NT\$12000 / US\$400 for each article
13 and over	NT\$1500 / US\$50 per page

* There is no fee for color figures.



Terrestrial, Atmospheric and
Oceanic Sciences

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近五年期刊執行情形

年度	發行量	期數/年	投稿總篇數	國外投稿率 (不含專刊)	退稿率 (不含專刊)	出版總篇數	出版總頁數	Impact Factor	5-Year Impact Factor	Total Cites
2012	260	6	101	56%	41%	60	729	0.705	0.863	219
2013	240	7	118	61%	49%	85	1055	1.061	0.957	257
2014	200	6	100	63%	54%	67	843	0.703	0.971	114
2015	200	7	161	39%	49%	59	673	0.556	0.724	62
2016	200	6	160	58%	49%	80	1,036	0.752	0.941	61

註1：自2015年起，將投稿總篇數、國外投稿率、及退稿率加入專刊計算。

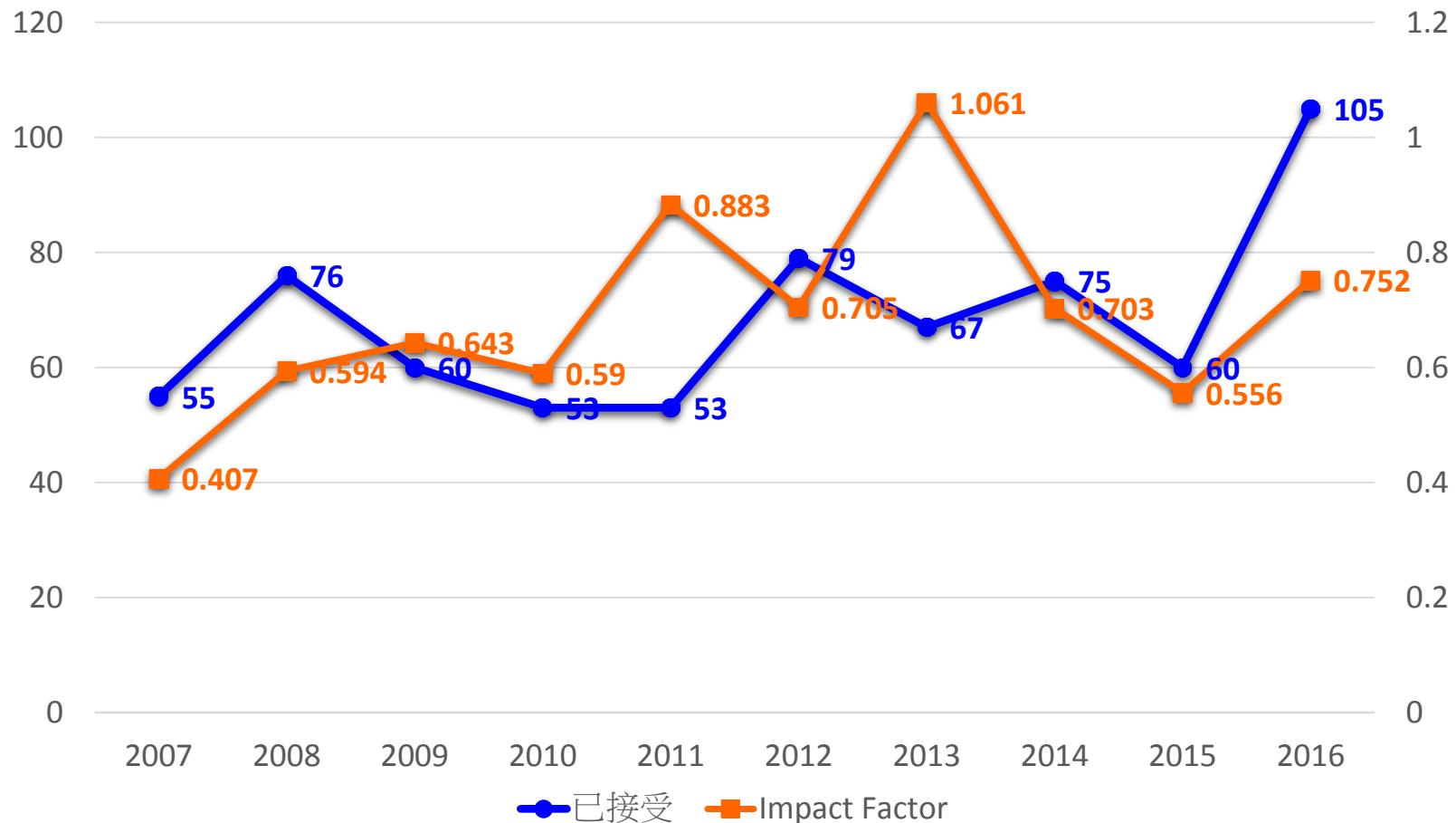
註2：2016年尚有10篇文章正在審查中。



2016-2017 年出刊狀況

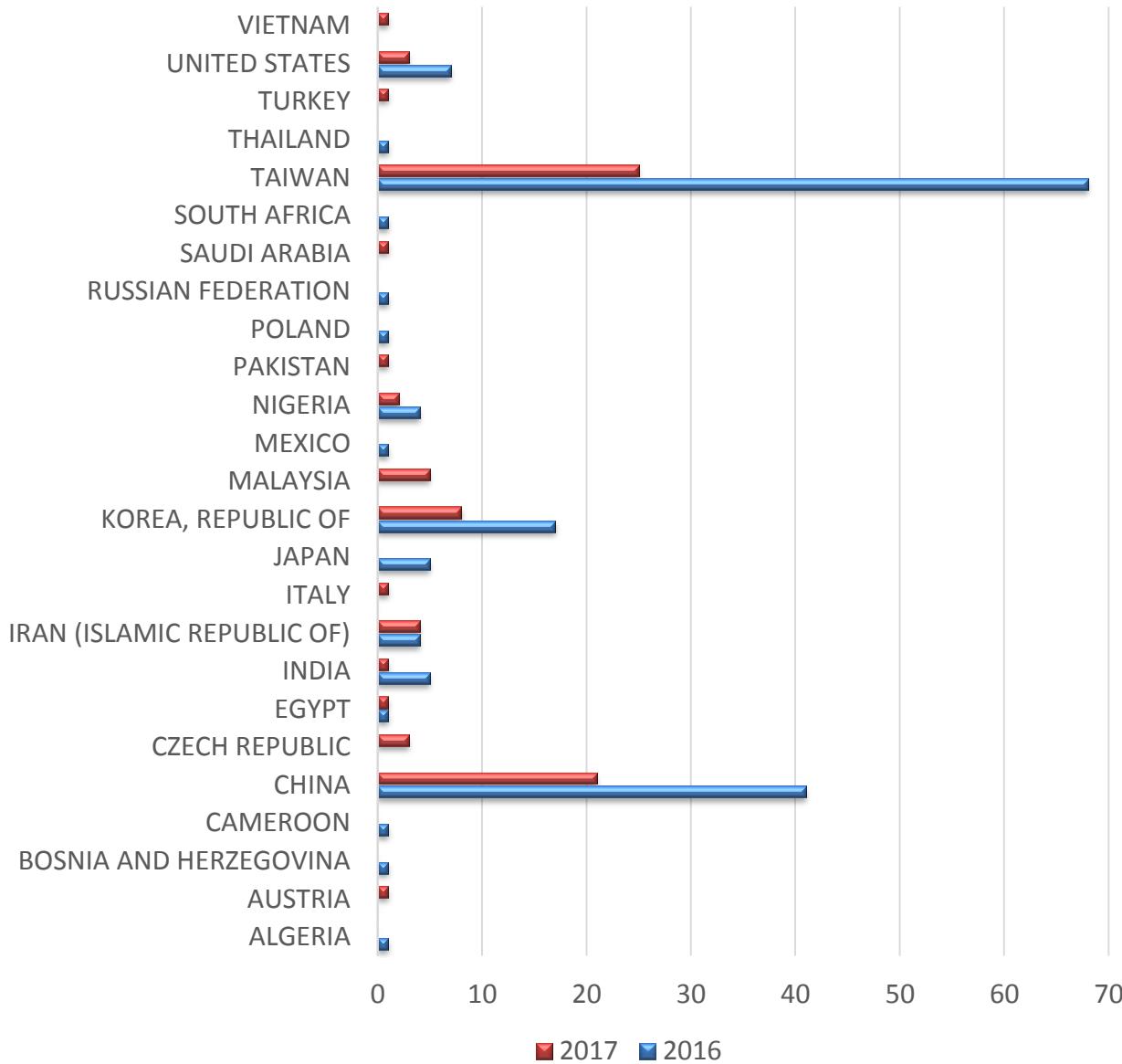
卷期	篇數	地物	地質	大氣	太空	海洋	水文	前言	專刊	cites
Vol. 27, No.1	12	5	1	2	0	1	3	-	-	3
Vol. 27, No.2	12	2	2	3	2	3	-	-	-	5
Vol. 27, No.3 TEM	11	-	-	-	-	-	-	1	10	26
Vol. 27, No.4 ISRS	13	-	-	-	-	-	-	1	12	12
Vol. 27, No.5 TCCIP	13	-	-	-	-	-	-	1	12	15
Vol. 27, No.6	21	5	4	4	2	3	3	-	-	0
Vol. 28, No.1 CCA	9	-	-	-	-	-	-	1	8	9
Vol. 28, No.2 EOF5	9	-	-	-	-	-	-	1	8	13
Vol. 28, No.3 GSC	27	1	2	6	3	3	5	-	7	1
Vol. 28, No.4 RAD	9	-	-	-	-	-	-	1	8	-
合計	136	13	9	15	7	10	11	6	65	84

2007-2016年接受文章量與Impact Factor



2016-2017年各國投稿文章篇數

Country	2016	2017
ALGERIA	1	0
AUSTRIA	0	1
BOSNIA AND HERZEGOVINA	1	0
CAMEROON	1	0
CHINA	41	21
CZECH REPUBLIC	0	3
EGYPT	1	1
INDIA	5	1
IRAN (ISLAMIC REPUBLIC OF)	4	4
ITALY	0	1
JAPAN	5	0
KOREA, REPUBLIC OF	17	8
MALAYSIA	0	5
MEXICO	1	0
NIGERIA	4	2
PAKISTAN	0	1
POLAND	1	0
RUSSIAN FEDERATION	1	0
SAUDI ARABIA	0	1
SOUTH AFRICA	1	0
TAIWAN	68	25
THAILAND	1	0
TURKEY	0	1
UNITED STATES	7	3
VIETNAM	0	1
	160	79



作業中專刊

名稱	執行客 座編輯	責任 編輯	預訂出刊		成立 時間	Manuscript Submission Deadline	Submitted to TAO office
			年 / 月	卷期			
The 2016 Meinong, Taiwan Earthquake	饒瑞鈞	許樹坤	2017/10	28#5	2016/2	2016/9/30	2017/3/1
Submarine geohazard records and potential seafloor instability	董家鈞	張中白	2018/02	29#1	2016/2	2016/9/30	2017/3/31
Physics and Chemistry of Gas Migration and Fluid Dynamics	林曉武	許樹坤	2018	29	2016/5	2017/1/15	2017/6/15
Novel Remote Sensing Technologies for Environmental Monitoring Sensors, Methodologies, and Applications	曾義星	許樹坤	2019	30	2017/5	2017/12/31	2018/12/31



近年專刊發行情形

年度	卷	期	名稱	篇數	頁數	引用次數	執行客座編輯
2010	21	1	Numerical Ocean Modeling and Prediction	14	228	94	Yu-Heng Tseng
		3	Potential Geohazards of the Taipei Metropolitan Area	17	217	93	Yu-Chang Chan
2011	22	2	Geodynamic and Climate-Change Processes Over Tibetan, Xinjiang and Siberia (TibXS)	14	157	123	Cheinway Hwang
		6	Typhoon Morakot (2009): Observation, Modeling, and Forecasting	10	162	127	Ming-Jen Yang
2012	23	5	Impacts and Adaptation of Climate Change on Watershed Management and Hydrology	12	154	43	Gour-Tsyh Yeh
2013	24	2	Connection of Solar and Heliospheric Activities with Near-Earth Space Weather: Sun-Earth Connection	13	129	51	Chin-Chun Wu
		4-I	Geophysical and Climate Change Studies in Tibet, Xinjiang, and Siberia (TibXS) from Satellite Geodesy	17	202	50	Cheinway Hwang

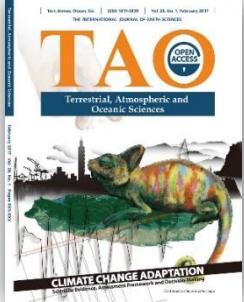
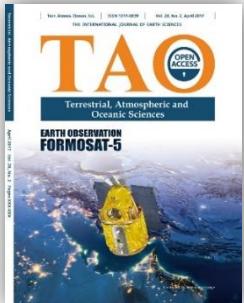
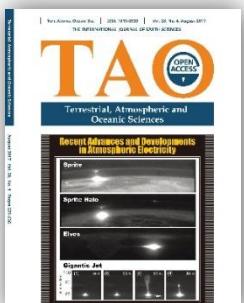


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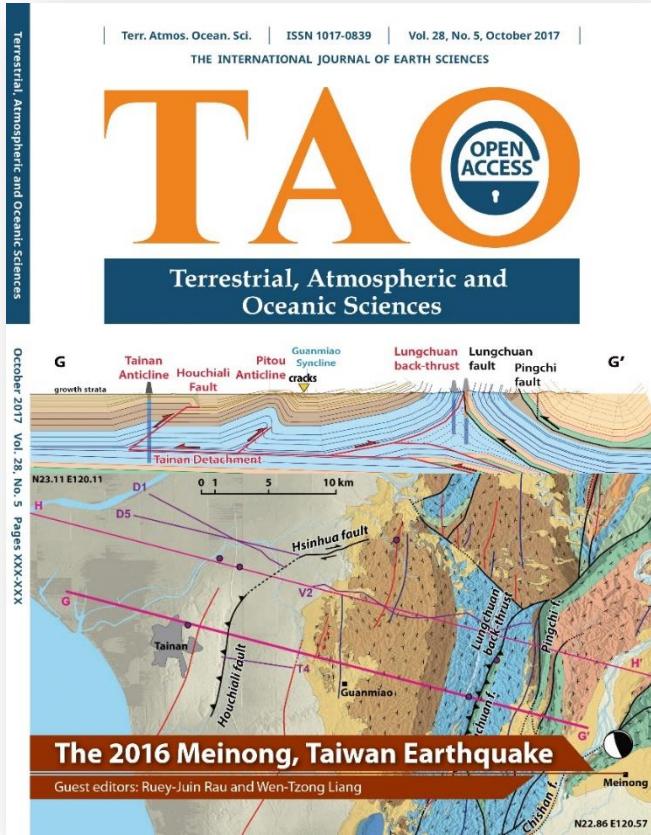
年度	卷	期	名稱	篇數	頁數	引用次數	執行客座編輯
2015	26	1	Geomagnetic Research for Taiwan: Present and Future	8	81	12	趙丰
		2-II	Earth Observations and Societal Impacts	10	91	16	劉說安
		6	Geodynamics of Taiwan and the Philippines	7	82	2	宮守業
2016	27	3	Taiwan Earthquake Model (I): Seismic hazard assessment and earthquake scenario	11	142	26	饒瑞鈞
		4	Innovative Applications of Radar and LiDAR Remote Sensing	13	156	12	史天元
		5	Climate Changes and Their Impacts in Taiwan – Recent Findings of Taiwan Climate Change and Information Platform (TCCIP)	13	166	15	鄭克聲



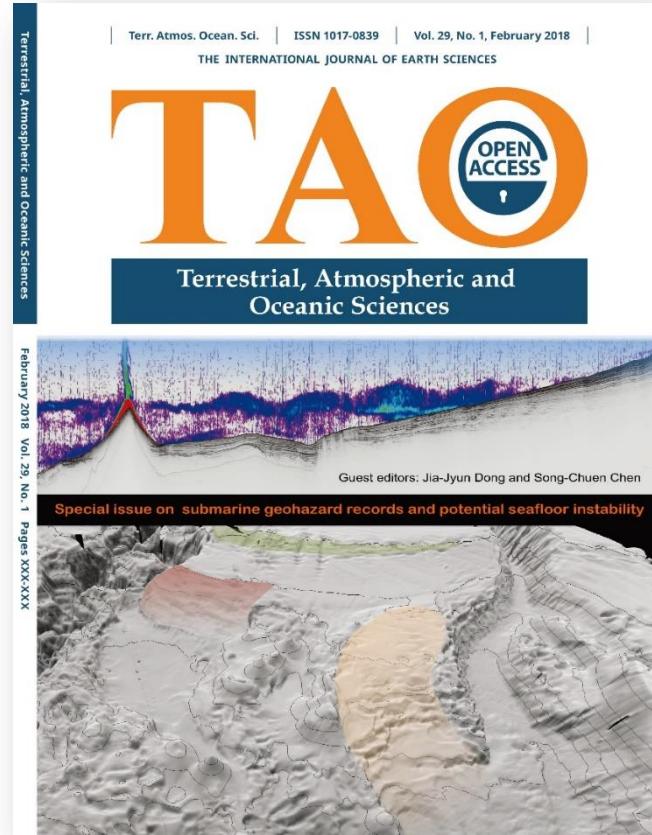
2017年專刊發行情形

卷 期	名稱	篇數	頁數	引用次數	執行客座編輯
	28 1 Climate change adaptation – scientific evidence, assessment framework and decision-making	9	99	9	劉振榮
	28 2 Earth Observation-FORMOSAT-5	9	76	13	張和本
	28 4 Recent advances and developments in atmospheric electricity	9	116	-	李羅權

將發表之專刊



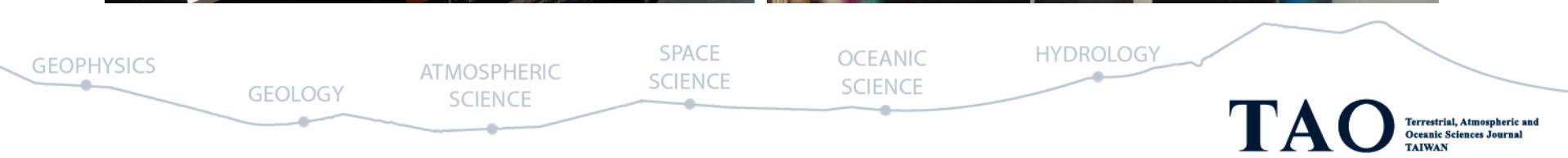
➤ Vol. 28 No. 5
The 2016 Meinong, Taiwan Earthquake



➤ Vol. 29 No. 1
Submarine geohazard records and potential
seafloor instability

推廣活動情形 (2017)

- 名稱：AOGS 14th Annual Meeting
- 時間：7 to 11 August, 2017
- 地點：新加坡



推廣活動情形

年度	期間	會議名稱	地點
2011	08/08 - 08/12	AOGS 8 th Annual Meeting	台灣 台北
	12/05 - 12/09	2011 AGU Fall Meeting	美國 舊金山
2012	08/13 - 08/17	AOGS - AGU (WPGM) Joint Assembly	新加坡 聖淘沙
	12/03 - 12/07	2012 AGU Fall Meeting	美國 舊金山
2013	05/13 - 05/17	2013 台灣地球科學聯合學術研討會 (TGA)	桃園 龍潭渴望園區
	06/24 - 06/28	AOGS 10 th Anniversary Meeting	澳洲 布里斯班
	12/09 - 12/13	2013 AGU Fall Meeting	美國 舊金山
2014	04/07 - 04/10	OCEANS'14 MTS/IEEE Taipei	台灣 台北
	07/28 - 08/01	AOGS 11 th Annual Meeting	日本 札幌
	12/15 - 12/19	2014 AGU Fall Meeting	美國 舊金山
2015	06/15 - 06/16	WCGC全球華人地質大會	台灣 台北
	08/02 - 08/07	AOGS 12 th Annual Meeting	新加坡市
	12/15 - 12/19	2015 AGU Fall Meeting	美國 舊金山
2016	05/16 - 05/20	2016 台灣地球科學聯合學術研討會 (TGA)	台灣 台北
	08/01 - 08/05	AOGS 13 th Annual Meeting	中國 北京
	12/12 - 12/16	2016 AGU Fall Meeting	美國 舊金山
2017	08/07 - 08/11	AOGS 14 th Annual Meeting	新加坡市
	12/11 – 12/15	2017 AGU Fall Meeting	美國紐奧良

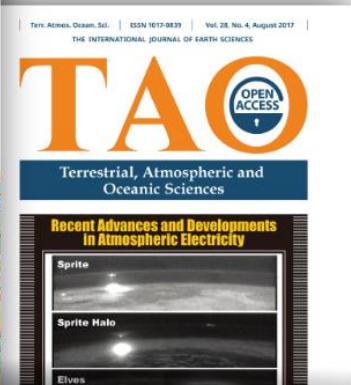
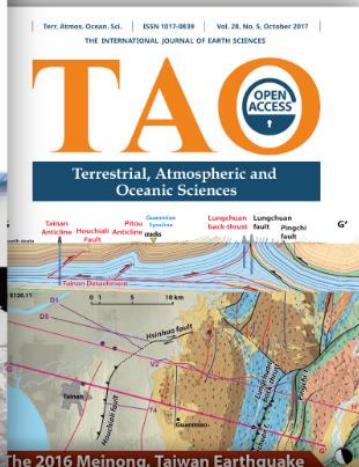
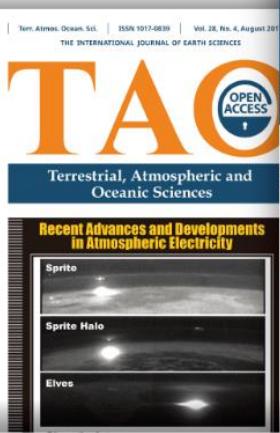
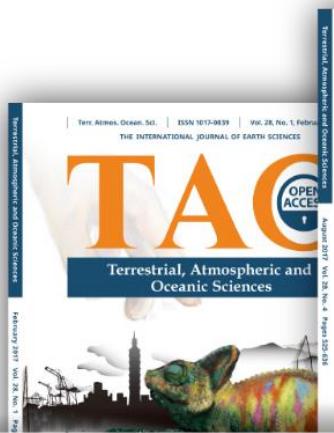
2017年大道新人獎得獎名單

Article Title	Name of Researcher	Affiliation
Heterogeneous Slip Distribution Self-Similarity on a Fault Surface	Ya-Ting Lee	Department of Earth Sciences, National Central University
Summer Convective Afternoon Rainfall Simulation and Projection using WRF Driven by Global Climate Model. Part I: over Taiwan.	Wan-Ru Huang	Department of Earth Sciences, National Taiwan Normal University
Geostatistical Data Fusion of Multiple Type Observations to Improve Land Subsidence Monitoring Resolution in the Choushui River Fluvial Plain, Taiwan	Chih-Heng Lu	Graduate Institute of Applied Geology, National Central University
Solar Irradiance and Pan Evaporation Estimation from Meteorological Satellite Data	Ming-Ren Syu	Department of Soil and Environmental Sciences, National Chung Hsing University

2012-2016年被引用次數最多論文獎

Published year	Title	Authors	Nationality	Vol.
2012	Variations of Terrestrial Net Primary Productivity in East Asia	Fangmin Zhang, Weimin Ju, Shuanghe Shen, Shaoqiang Wang, Guirui Yu, and Shijie Han	China	23-4
2012	Coastal Flooding in Florida's Big Bend Region with Application to Sea Level Rise Based on Synthetic Storms Analysis	Scott C. Hagen and Peter Bacopoulos	USA	23- 5 (SI) “Watershed Management and Impacts of Climate Change in Hydrology”
2013	The Geophysical Database Management System in Taiwan	Tzay-Chyn Shin, Chien-Hsin Chang, Hsin-Chieh Pu, Hsiao-Wei Lin, and Peih-Lin Leu	Taiwan	24-1
2013	Field Observations of Changes in SST, Chlorophyll and POC Flux in the Southern East China Sea Before and After the Passage of Typhoon Jangmi	Yung-Yen Shih, Jin-Sheng Hsieh, Gwo-Ching Gong, Chin-Chang Hung, Wen-Chen Chou, Ming-An Lee, Kuo-Shu Chen, Meng-Hsien Chen, and Chau-Ron Wu	Taiwan	24-5





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